



PTO/SB/08A (08-03)
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Substitute for Form 1-100

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/816,153
Filing Date	APRIL 1, 2004
First Named Inventor	Frank P. Uckert et al.
Group Art Unit	1752
Examiner Name	Unknown
Attorney Docket Number	PE0669USDIV1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number -	Kind Code ² (if known)			
/s/		US -	4,508,639	04-02-1985	Camps et al.	/
		US -	5,621,131A	04-15-1997	Kreuder et al.	
		US -	5,770,070A	07-07-1998	Inasekaran et al.	
		US -	5,814,244A	09-29-1998	Kreuder et al.	
		US -	5,821,002A	10-13-1998	Ohnishi et al.	
		US -	5,856,434A	01-05-1999	Stem et al.	
		US -	5,962,631A	10-05-1999	Woo et al.	
		US -	5,900,327A	05-04-1999	Pei et al.	
		US -	5,998,045A	12-07-1999	Chen et al.	
		US -	6,204,515 B1	03-20-2001	Bernius et al.	
		US -	6,309,763 B1	10-30-2001	Woo et al.	
		US -	6,353,083 B1	03-05-2002	Inbasekaran et al.	
		US -	6,541,602 B1	04-01-2003	Spreitzer et al.	
		US -	6,653,438 B1	11-25-2003	Spreitzer et al.	
		US -	6,605,373 B1	08-12-2003	Woo et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		CountryCode ³	Number ⁴ Kind Code ⁵ (if known)				
/s/			EP 0 259 229 B1	09-02-1987	Makromolekulare Chemie	/	<input type="checkbox"/>
			EP 0 956 312 B1	01-29-1998	JSR Corporation		<input type="checkbox"/>
			WO 01/07502 A2	02-01-2001	Cambridge Display Techn		<input type="checkbox"/>
			WO 00/53656 A1	09-14-2000	Cambridge Display Techn		<input type="checkbox"/>
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Date
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Application Number	10/816,153	Filing Date	April 1, 2004
First Named Inventor	Frank P. Uckert et al.	Group Art Unit	1752
Examiner Name	Unknown	Attorney Docket Number	PE0668USDIV1
Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LUC		DE 19846767, Partially conjugated polymer useful as an organic semiconductor or an electroluminescence material, and for display elements in television monitor and illumination technology contains fluorene building units, Abstract, 06-13-2000, Aventis Res & Technologies GmbH	<input type="checkbox"/>
		JP 2000319272, (Diarylamino) furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials, Abstract, 04-21-2001, Tosoh Corp	<input type="checkbox"/>
		JP 08157575, Carrier transport polymers -- useful as carrier transport materials in organic thin film electroluminescence devices, Abstract, 10-25-1996, Toppan Printing Co. Ltd.	<input type="checkbox"/>
		JP 2000143778, Display element such as cathode ray tube and light emitting diode, comprises specified light emitting compound as color developing materials, Abstract, 10-06-2000, Samsung Denkan KK	<input type="checkbox"/>
		JP 10273522, Production of phenylene group-containing copolymers -- comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 01-13-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 10273521, Production of phenylene group-containing copolymers -- comprises copolymerizing phenylene group-containing compounds in presence of catalysts containing transition metal compounds, Abstract, 12-23-1999, Nippon Gosei Gomu KK	<input type="checkbox"/>
		JP 03028220, Electrochromic elements for display or optical shield glass -- contg. film of polyphenylene polymer derived from fluorene, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 03017120, Polyphenylene polymers used as conductive material or display material are produced by chemical or electrochemical-oxidative polymerizing of specified fluorene derivs, Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
		JP 02269734, New polyphenylene-type polymer prepd. By oxidn. Polymerization of fluorene derive., Abstract, 09-28-1993, Idemitsu Kosan Co. Ltd.	<input type="checkbox"/>
LUC		KR 99057430, Fluorene-based alternating statistical copolymer containing multi-luminescence groups and electroluminescence device using the same, Abstract, 07-15-1999, Korea Adv Inst Sci & Technology	<input type="checkbox"/>
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Examiner Signature		Date Considered	6/5/06
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Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/139,002</td> </tr> <tr> <td>Filing Date</td> <td>MAY 3, 2002</td> </tr> <tr> <td>First Named Inventor</td> <td>FRANK P. UCKERT ET AL.</td> </tr> <tr> <td>Group Art Unit</td> <td>1713</td> </tr> <tr> <td>Examiner Name</td> <td>UNKNOWN</td> </tr> <tr> <td>Attorney Docket Number</td> <td>PE0669 US NA</td> </tr> </table>		Application Number	10/139,002	Filing Date	MAY 3, 2002	First Named Inventor	FRANK P. UCKERT ET AL.	Group Art Unit	1713	Examiner Name	UNKNOWN	Attorney Docket Number	PE0669 US NA
Application Number	10/139,002														
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First Named Inventor	FRANK P. UCKERT ET AL.														
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Sheet	1 of 1														

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		US -	5,708,130 A	01/13/1998	WOO ET AL.	
		US -	5,962,631 A	10/05/1999	WOO ET AL.	
		US -	6,169,163 B1	01/02/2001	WOO ET AL.	
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Examiner Signature		Date Considered	6/4/06
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete If Known

Application Number	10/139,002
Filing Date	MAY 3, 2002
First Named Inventor	FRANK P. UCKERT ET AL.
Group Art Unit	1713
Examiner Name	UNKNOWN
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
/		WO	99/54943	A1	10/28/1999	DOW CHEMICAL CO.		<input type="checkbox"/>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/139,002
		Filing Date	MAY 3, 2002
		First Named Inventor	FRANK P. UCKERT ET AL.
		Group Art Unit	1713
		Examiner Name	UNKNOWN
		Attorney Docket Number	PE0669 US NA
Sheet	2	of	2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LC		COWELL, ALLAN B. ET AL., Fluoroalkylation of Aromatic Compounds, Journal of Fluorine Chemistry, 17, 1981, 345-356, Elsevier Sequoia S.A., Lausanne, The Netherlands	<input type="checkbox"/>
LC		KAMIGATA, NOBUMASA ET AL., Direct Perfluoroalkylation of Aromatic and Heteroaromatic Compounds with Perfluoroalkanesulfonyl Chlorides Catalysed by a Ruthenium (II) Phosphine Complex, J. Chem. Soc. Perkin Trans., 1, 1994, 1339-1346	<input type="checkbox"/>
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Examiner Signature		Date Considered	6/8/06
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